

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20020072716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/21 15:17
S2	1	S1 and (linear adj bearing)	US-PGPUB; USPAT	OR	ON	2004/07/21 15:22
S3	2	(("5823997") or ("5997504")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/21 15:22
S4	2706	needle and ((shield or cover or sheath) same (exten\$5 and retract\$4)) and (flat or planar or surface)	US-PGPUB; USPAT	OR	ON	2007/06/18 10:04
S5	790	needle and ((shield or cover or sheath) same (exten\$5 and retract\$4)) and (flat or planar or surface) and (segment\$2 or appendage)	US-PGPUB; USPAT	OR	ON	2004/02/07 14:05
S6	14	("4551137"   "4943283"   "4943284"   "5011475"   "5112313"   "5116324"   "5267972"   "5343875"   "5344404"   "5366447"   "5603699"   "5685860"   "5749860"   "5851196").PN.	USPAT	OR	ON	2004/02/07 14:37
S7	578	Thorne.in.	US-PGPUB; USPAT	OR	ON	2004/02/08 08:50
S8	39	Thorne.in. and needle	US-PGPUB; USPAT	OR	ON	2004/02/08 08:54
S9	1	("6254575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/02/08 08:54
S10	1	(("6254575").PN.) and (latch or lock)	US-PGPUB; USPAT	OR	ON	2004/02/08 08:55
S11	1	((("6254575").PN.) and ((latch or lock) with needle))	US-PGPUB; USPAT	OR	ON	2004/02/08 08:55
S12	478	(needle near3 (angl\$2 or curv\$2 or ben\$2)) and ((shield or cover or sheath) same (exten\$5 and retract\$4))	US-PGPUB; USPAT	OR	ON	2004/02/08 09:39
S13	1	"5445618".URPN.	USPAT	OR	ON	2004/02/08 09:49
S14	12	("2894509"   "4941883"   "5000167"   "5147323"   "5163916"   "5188119"   "5201718"   "5215534"   "5232456"   "5246427"   "5263942"   "5267973").PN.	USPAT	OR	ON	2004/02/08 09:50

## EAST Search History

S15	8	("4170993"   "5192275"   "5279588"   "5350368"   "5501672"   "5562631"   "5562636"   "5772638").PN.	USPAT	OR	ON	2004/02/08 10:27
S16	3	"5921969".URPN.	USPAT	OR	ON	2004/02/08 10:28
S17	6	("2748769"   "4627843"   "5505711"   "5879330"   "5921969"   "5951522").PN.	USPAT	OR	ON	2004/02/08 10:29
S18	29	("3310051"   "4627843"   "4631058"   "4733661"   "4917243"   "5017189"   "5046612"   "5078693"   "5147319"   "5167629"   "5192275"   "5279588"   "5290255"   "5330438"   "5352204"   "5385556"   "5460612"   "5486163"   "5498241"   "5571092"   "5613945"   "5690645"   "5695470"   "5755694"   "5879330"   "5921969"   "5951522"   "5997504"   "6074364"   "2003/0069546").PN.	USPAT	OR	ON	2004/02/08 10:32
S19	2	(("6280420") or ("6254575")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/06 17:58
S20	1	("5823997").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 17:39
S21	1	("5997504").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 17:47
S22	1	("20020072716").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 17:47
S23	1	S22 and bearing	US-PGPUB; USPAT	OR	ON	2005/04/06 17:47
S24	1	("6623462").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/06 17:58
S25	160	(huber with needle)	US-PGPUB; USPAT	OR	ON	2005/04/07 17:07
S26	1	("5997504").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/08 14:21
S27	45	(needle with slide with guide with bearing)	US-PGPUB; USPAT	OR	ON	2005/04/08 11:02
S28	103	(needle with slide with guide with engag\$4)	US-PGPUB; USPAT	OR	ON	2005/04/08 11:33
S29	1	("6443929").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/08 11:34
S30	1	("6629959").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/08 11:34
S31	1	("5879337").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/08 11:34

## EAST Search History

S32	1	("20020072716").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/08 16:03
S33	2	(("6682520") or ("6610043")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/08 16:03
S34	3	(("5879337") or ("6824530") or ("5997504")).PN.	USPAT; USOCR	OR	OFF	2006/12/18 17:57
S35	0	("20020070716").PN.	USPAT; USOCR	OR	OFF	2006/12/19 19:24
S36	1	("20020070716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 19:26
S37	0	S36 and (linear with needle with bearing)	USPAT	OR	OFF	2006/12/19 19:26
S38	0	S36 and (linear with needle with bearing)	US-PGPUB	OR	OFF	2006/12/19 19:25
S39	0	S36 and (needle with bearing)	US-PGPUB	OR	OFF	2006/12/19 19:25
S40	0	S36 and (bearing)	US-PGPUB	OR	OFF	2006/12/19 19:26
S41	1	("20020072716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 19:26
S42	1	S41 and (linear with needle with bearing)	US-PGPUB	OR	OFF	2006/12/19 19:26
S43	1	("6824530").PN.	USPAT; USOCR	OR	OFF	2006/12/20 07:05
S44	2	("4690675" "5531704").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 07:06
S45	3	("3685645" "3918446" "5215525").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 07:07
S46	649	(604/265).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 09:07
S47	2	S46 and (rod same (antimicrobial or antibactericidal))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 20:21
S48	68	("3598127").URPN.	USPAT	OR	OFF	2006/12/21 20:12
S49	12	("2470665"   "2548602"   "2614563"   "2930378"   "3598127"   "3981299"   "4186745"   "4406656").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 20:19
S50	52	("4717379").URPN.	USPAT	OR	OFF	2006/12/21 20:20
S51	0	S50 and (antimicrobial or antibactericidal)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 20:21

## EAST Search History

S52	12	("20040230177" "20050055012" "4623329" "5004455" "5059186" "5269755" "5411550" "5562652" "5567495" "6280423" "6319226" "6645135").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 09:13
S53	3	(green and fellman).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 09:13
S54	1217	(604/198).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 10:11
S55	353	S54 and (hing\$4 or segment\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 11:31
S56	0	("20020072716").PN.	USPAT; USOCR	OR	OFF	2007/06/18 11:31
S57	1	("20020072716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 11:32
S58	1	("7198618").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 11:35
S59	0	S58 and (planar with surface)	USPAT	OR	OFF	2007/06/18 11:35
S60	1	S58 and (contact with surface)	USPAT	OR	OFF	2007/06/18 11:35

## EAST Search History

S61	230	( "1779451"   "20010039401"   "20020072716"   "20030004465"   "2559474"   "2700385"   "2836942"   "2854976"   "2953243"   "3021942"   "3073307"   "3074542"   "3255873"   "3294231"   "3323523"   "3329146"   "3333682"   "3367488"   "3485239"   "3537452"   "3587575"   "3610240"   "3658061"   "3828775"   "3840008"   "3890971"   "3904033"   "3934722"   "3968876"   "4040419"   "4106621"   "4113090"   "4139009"   "4175008"   "4270536"   "4300678"   "4375849"   "4430082"   "4592744"   "4634428"   "4643722"   "4659330"   "4664259"   "4664654"   "4681567"   "4695274"   "4702738"   "4723943"   "4728320"   "4728321"   "4731059"   "4735311"   "4735618"   "4737144"   "4738663"   "4743233"   "4747836"   "4747837"   "4772272"   "4778453"   "4781697"   "4782841"   "4790828"   "4795432"   "4795443"   "4801295"   "4804372"   "4813426"   "4816022"   "4816024"   "4819659"   "4820277"   "4826490"   "4826491"   "4838871"   "4840619"   "4842587"   "4846796"   "4846811"   "4850968"   "4850976"   "4850977"   "4850978"   "4850994"   "4850996"   "4858607"   "4863434"   "4863435"   "4863436"   "4867172"   "4867746"   "4872552"   "4874382"   "4874383"   "4874384"   "4883469"   "4886503"   "4887998"   "4888001"   "4892107"   "4892521"   "4898589"   "4900309"   "4904244"   "4911694"   "4911706"   "4927018"   "4929241"   "4935012"   "4935013"   "4936830"   "4944397"   "4944731"   "4950249"   "4950250"   "4978344"   "4982842"   "4985021"   "4994041"   "5000744"   "5015240"   "5057089"   "5059180"   "5092851"). PN. OR ("5108379"   "5135509"   "5139489"   "5147303"   "5154285"   "5176655"   "5176656"   "5188611"   "5193552"   "5195983"   "5209739"   "5232454"   "5232455"   "5242417"   "5242418"   "5246427"   "5246428"   "5250031"   "5254099"   "5256152"   "5256153"   "5277311"   "5290255"   "5304137"   "5312369"   "5334158"   "5348544"   "5356392"   "5403283"   "5403286"   "5407436"   "5411492"   "5423765"   "5423766"   "5425720"   "5447501"   "5466223"   "5480385"   "5487733"   "5487734"   "5490841")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/18 11:35
6/18/2007 12:43:34 PM	"5498243"   "5531694"   "5533980" C:\Documents and Settings\williams4\My Documents\EAST\Wprkspaces\10016276.wsp "5538508"   "5542927"   "5549568" "5549570"   "5549708"   "5562629"				Page 5	